



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY



Ma
21/6/2001

सं० 12] वही दिल्ली, शनिवार, मार्च 24, 2001 (चैत्र 3, 1923)
No. 12] NEW DELHI, SATURDAY, MARCH 24, 2001 (CHAITRA 3, 1923)

इस भाग में मिन्न पृष्ठ सुचया दी जाती है जिससे कि यह अंलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 (PART III—SECTION 2)

ऐटेन्ट कार्यालय द्वारा जारी की गई ऐटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
(Notifications and Notices Issued by the Patent Office relating to Patents and Designs)

**THE PATENT OFFICE
PATENTS AND DESIGNS**

Calcutta, the 24th March 2001

**ADDRESS AND JURISDICTION OF THE OFFICES OF
THE PATENT OFFICE**

The Patent Office has its Head Office at Calcutta and Branch Offices at Mumbai, Delhi and Chennai having Territorial Jurisdiction on a Zonal basis as shown below :—

Patent Office Branch,
Todi Estates, IIIrd Floor,
Lower Parel (West),
Mumbai-400 013.

The States of Gujarat,
Maharashtra, Madhya
Pradesh and Goa and the Union
Territories of Daman and
Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE"
Phone No. 482 5092
Fax No. 022 495 0622.

Patent Office Branch,
Unit No. 401 to 405, IIIrd Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana,
Himachal Pradesh, Jammu and
Kashmir, Punjab, Rajasthan,
Uttar Pradesh and Delhi and
the Union Territory of
Chandigarh.

Telegraphic address "PATENTOFIC"
Phone No. 578 2522
Fax No. 011 576 6204

Patent Office Branch,
Wing 'C' (C4, A),
IIIrd Floor, Rajaji Bhavan,
Besant Nagar, Chennai-600 090.

The States of Andhra Pradesh,
Karnataka, Kerala, Tamilnadu and
Pondicherry and the Union
Territories of Laccadive, Minicoy
and Aminidivi Islands.

Telegraphic address "PATENTOFIS"
Phone No. 490 1495
Fax No. 044 490 1492.

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th & 7th
Floors, 234/4, Acharjee Jagadish
Bose Road, Calcutta-700 020

Rest of India.

Telegraphic address "PATENTS"
Phone No. 247 4401
Fax No. 033 247 3851.

All applications, notices, statements or other documents
or any fees required by the Patents Act, 1970 and the Patents
(Amendment) Act, 1999 or the Patents Rules, 1972 as
amended by the Patents (Amendment) Rules, 1999 will be
received only at the appropriate offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be
sent by Bank Draft or Cheques payable to the Controller of
Patents drawn on a scheduled Bank at the place where the
appropriate office is situated.

पेटेंट कार्यालय
एकमव तथा अभिभावक
कलकत्ता, दिनांक 24 मार्च 2001

पेटेंट कार्यालय के कार्यालयों के पास एवं अधिकारीयकार
 तथा मुम्बई, चिल्सी एवं चैन्नै में इसके शास्त्र कार्यालय हैं,
 जिनके प्राधीनिक अधिकारीयकार और के अधार पर निम्न रूप
 प्रशिक्षित हैं—

पेटेंट कार्यालय शास्त्रा, टाउन इस्टेंट,
 तीसरा तल, लोअर परामो (प.),
 मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
 तथा गोवा राज्य की एवं गोवा
 शासित क्षेत्र, दमन तथा दीव एवं
 दादर और नगर हबनी।

तार पता—“पैटेंटिंग”

फोन : 482 5092 फैक्स : 022 495 0622

पेटेंट कार्यालय शास्त्रा,
 एकम सं. 401 से 405, तीसरा तल,
 भगवान्निका शाश्वत भवन,
 सरामनी यार्ड, करोल बाग,
 महाराष्ट्र-110 005.

हरियाणा, हिमाचल प्रदेश, अस्सी
 तथा कर्नाटक, पंजाब, राजस्थान,
 उत्तर प्रदेश तथा चिल्सी राज्य
 और तारं मध्य शासित क्षेत्र अंडीगढ़।

तार पता—“पैटेंटिंग”

फोन : 578 2532 फैक्स : 011 576 6204

पेटेंट कार्यालय शास्त्रा,
 दिग्ग सौ (सी-4, ए),
 तीसरा तल, राष्ट्रीय भवन, बसन्त नगर,
 चैन्नै-600090।

आन्ध्र प्रदेश, कर्नाटक, केरल, हरिहरनगर
 तथा पर्यावरी राज्य की एवं
 संघ शासित क्षेत्र, लक्ष्मीपुर. मिनिकाय
 तथा एमिनिदिवि द्वीप।

तार पता—“पैटेंटिंग”

फोन : 490 1495 फैक्स : 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय)
 निजाम पैलेस, विद्याय अहंतारीय कार्यालय
 भवन 5, 6 तथा 7वां तल,
 234/4, आचार्य जगदीश बोस भार्गा,
 कलकत्ता-700 020.

भारत का अधीनियम थी।

तार पता—“पैटेंट्स”

फोन : 247 4401 फैक्स : 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम,
 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित
 सभी अवधेन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई
 फैस पेटेंट कार्यालय के केवल समृद्धि कार्यालय में सौ ग्रहण
 किये जाते।

शास्त्र का शाल्मल की अवधेनी या तो नक्ष तो जागरी अधिक
 जहां उपयुक्त अधिकारीय अवधित है, उस स्थान के अन्तर्गत अधिक
 से नियंत्रक जो भूतान योग्य के ड्रॉफ्ट अथवा यैक द्वारा की
 जा सकती है।

**APPLICATION FOR THE PATENT FILED AT THE
 HEAD OFFICE 234/4 ACHARYA JAGDISH BOSE
 ROAD, CALCUTTA-700 020**

The date shown in the crescent brackets are the dates
 claimed under section 135, under Patent Act, 1970.

15-1-2001

22/Cat/2001. Prof. Shiva Shankar Trivedi, Sarvapusti.

23/Cat/2001. Deutsche Thomson-Brandt GMBH. Method
 encoding apparatus and decoding apparatus for
 protecting a data stream using encryption or for
 decoding a protected data stream using decryption.
 (Convention Nos. 00250040.3 and 00250281.3
 filed on 9-2-2000 and 23-8-2000 respectively in
 EPO.)

16-1-2001

24/Cat/2001. Soumen Sikdar. Human brain capture through
 system development.

17-1-2001

25/Cat/2001. Copeland Corporation. Oldham coupling for
 scroll machine.
 (Convention No. 09/496 908 filed on 2-2-2000 in
 United States of America)

26/Cat/2001. Copeland Corporation. Horizontal scroll com-
 pressor.
 (Convention No. 09/496,937 filed on 2-2-2000 in
 United States of America).

18-1-2001

27/Cat/2001. WU Kun-Cheng. Refuse incinerating oven.

19-1-2001

28/Cat/2001. Jaunendra Kumar Singh. A novel two wheeler.

29/Cat/2001. Copeland Corporation. Scroll compressor.
 (Convention No. 09/496,807 filed on 2-2-2000 in
 United States of America)

30/Cat/2001. Graf & Cie AG. Methods and apparatus for
 manufacturing a wire.
 (Convention No. 10007567.3 filed on 18-2-2000
 in Germany).

31/Cat/2001. Viagold Direct Network Limited. Method and
 system in a computer network for searching and
 linking web sites.
 (Convention No. 09/624, 537 filed on 24-7-2000
 in U.S.A.)

19-1-2001

32/Cal/2001. Technological Resources Pty. Ltd. A method of relining a vessel.
(Convention No. PQ 5255 filed on 25-1-2000 in Australia.)

33/Cal/2001. Cubist Pharmaceuticals, Inc. High purity lipopeptides, lipopeptide micelles and processes for preparing same.
(Convention No. 60/177,170 filed on 20-1-2000 in U.S.A.)

22-1-2001

34/Cal/2001. Steel Authority of India Limited. An improved device for spray degreasing of cold rolled strip.

35/Cal/2001. The Board of Regents Acting for and on behalf of the University of Michigan. Biologically derived biomaterials for implantation in the interior of the body of a living being.
(Divided out of No. 1291/Cal/95 antedated to 24-10-95.)

36/Cal/2001. The Board of Regents Acting for and on behalf of the University of Michigan. A method for treating biomaterial to make it resistant to calcification, and biomaterial, so treated.
(Divided out of No. 1291/Cal/95 antedated to 24-10-95.)

37/Cal/2001. The Board of Regents Acting for and on behalf of the University of Michigan. An improved method for treating biomaterial to make it resistant to calcification, and biomaterial, so treated.
(Divided out of No. 1291/Cal/95 antedated to 24-10-95).

23-1-2001

38/Cal/2001. Molex Incorporated. Circuit board surface mounted connector.
(Convention No. 09/503,028 filed on 14-2-2000 in U.S.A.)

39/Cal/2001. Bhuyan Dr. Manabendra and Choudhury Dr. Amarjyoti. Microwave tea dryer.

24-1-2001

40/Cal/2001. Hughes Electronics Corporation. Focus control for search lights.
(Convention No. 09/500, 753 filed on 8-2-2000 in U.S.A.)

41/Cal/2001. Socomec S.A. Electrical energy meter.
(Convention No. 00/01091 filed on 28-1-2000 in France.)

25-1-2001

42/Cal/2001. Steel Authority of India Limited. An improved process for manufacture of aluminium-bronze and phosphorous-bronze slipper pads with improved wear-resistance by subjecting the cast slipper pads with homogenisation to a step of aluminum enrichment followed by heat treatment.

43/Cal/2001. Asgrow Seed Company. An isolated and purified DNA molecule and a vector comprising a chimeric expression cassette.
(Divided out of No. 1555/Cal/95 antedated 30-11-95 in 30-11-95.)

44/Cal/2001. Kvaerner Construction Limited. Lifting device.
(Convention No. 0017579.4 filed on 19-7-2000 in United Kingdom.)

45/Cal/2001. Cotton Net Limited. Cotton trading forum.
(Convention No. 00 01 882.0 filed on 28-1-2000 in United Kingdom.)

30-1-2001

46/Cal/2001. Steel Authority of India Limited. An equipment for measuring melting resistance of refractory materials at varying temperatures.

47/Cal/2001. Pai Lung Machinery Mill Co. Ltd. Adjustment structure of press ring and steel ring for circular knitting machine.

48/Cal/2001. Pai Lung Machinery Mill Co. Ltd. Structure for adjusting gap between an anchor seat and needle drum seat of a circular knitting machine.

49/Cal/2001. Pai Lung Machinery Mill Co. Ltd. Internet online control apparatus for knitting machine.

50/Cal/2001. Rican Limited. A vaccine prepared for the treatment or prophylaxis of helicobacter pylori infection.
(Divided out of No. 1767/Cal/95 antedated to 29-12-1995.)

51/Cal/2001. Hitachi Ltd. Absorption refrigerating machine.
(Convention No. 2000-238857 filed on 2-8-2000 in Japan.)

31-1-2001

52/Cal/2001. Johnson and Johnson Vision Care, Inc. Apparatus and method for automated warehousing and for filling orders from multi-item inventories.
(Convention No. 09/494860 filed on 1-2-2000 in U.S.A.)

52/Cal/2000. Johnson and Johnson Vision Care, Inc. Customized prescription product packaging and method and system for producing customized prescription product packaging.
(Convention No. 09/494859 filed on 1-2-2000 in U.S.A.)

54/Cal/2001. Dainichiseika Color & Chemicals Mfg. Co. Ltd. Pigment composition, production process thereof, colorants, and colored articles.
(Convention Nos. 28411/2000 and 186722/2000 filed on 4-2-2000 and 21-6-2000 filed in Japan.)

55/Cal/2001. Kabushiki Kaisha Office Non. Method and system for compressing motion image information.
(Convention Nos. 2000-169680, 2000-218397 and 09/716,275 filed on 6-6-2000, 19-7-2000 and 21-11-2000 in Japan and U.S.A. respectively.)

ALTERATION OF DATE

185657 filed on 13-4-93

372/Del/93 Ante dated to 8-3-90.

185658 filed on 08-09-93.

0990/Del/93 Ante dated to 15-02-93.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with

said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्वीकृत सम्पूर्ण विनियोग

एतद्वारा यह सूचना दी जाती है कि संबूध आवेदनों में से किसी पर पटेट अनुदान को विरोध करने के इच्छुक व्यक्ति, इसके नियम की तिथि से चार (4) महीने था अधिक एसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पटेट (संशोधन) नियम, 1999 के तहत विशेष प्र० 4 पर अग्र आवेदित हों, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एवं स्वयंकारी विद्युति की सूचना विनियोग प्र० 7 पर दे सकते हैं। विरोध संबंधी विधिवत व्यक्तियों में साथ्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पटेट (संशोधन) नियम, 1999 द्वारा संशोधित नियम-36 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर काफ़िल तर दिए जाने चाहिए।

प्रत्येक विनियोग के संर्वे में नीचे दिये गयीकरण, भारतीय विनियोग तथा अन्तर्राष्ट्रीय विनियोग के अनुसूप हैं।

विनियोग सत्था चिन्ह आरेख, यदि कोई हो, की कंविल प्रतियों की आपूर्ति पटेट कार्यालय या उसके बाह्य कार्यालय से प्राप्तिकरण '30 रुपए प्रति त्री अडायी पर की जा सकती है।

ग्रन्ती प्राप्तियों में जब विनियोग की अकिञ्चित प्रति उपराष्ट्र नहीं होती है, विनियोग सत्था चिन्ह आरेख, यदि कोई हो, की कंविल प्रतियों की आपूर्ति पटेट कार्यालय या उसके बाह्य कार्यालय से प्राप्तिकरण '30 रुपए प्रति त्री अडायी पर की जा सकती है।

In. Cl. : 206E 185641
Int. Cl. : H04N—5, 76

AN IMPROVED OPTICAL VIDEO CASSETTE RECORDER DEVICE

Applicant: ARUNKUMAR RAMAKRISHNANNAIR, AN INDIAN NATIONAL OF J-IV-20, LAJPAT NAGAR, NEW DELHI-110024

Inventor ARUNKUMAR RAMAKRISHNANNAIR—INDIA.

Application for Patent No. 870/Del/92 filed on 29-9-92.

Complete left after Provisional Specification filed on 17-12-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

10 Claims

An improved optical video cassette recorder device comprising tape (7) transport means housed in a housing, characterised in that an optical video head (13) having a set of closely packed optical fibres (14) facing the video tape (7) being disposed in a video head drum (10) provided for digital tracking of picture, optical audio means being provided for recording/reading-digital audio signals, and video means consisting of amplifiers being provided for amplifying the video signals received from the optical video heads to get clear picture on the TV set.

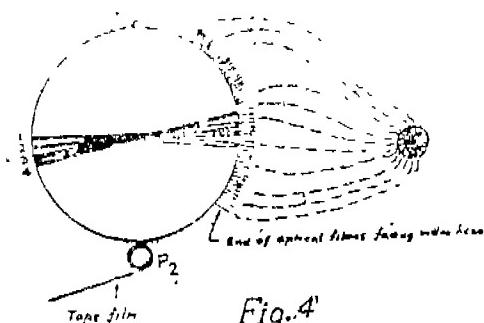


Fig. 4'

(Prov'l. Specification 5 Pages ;
(Compl. Specn. 13 Pages ;

Drg. Sheet Nil
Drg. 3 Sheets)

Ind. Cl. : 129Q 185642

Int. Cl. : B23K 31/00.

A PROCESS OF WELDING A ROTATABLE MACHINE COMPONENT TO FORM A STEAM TURBINE ROTOR

Applicant: GENERAL ELECTRIC COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF STATE OF NEW YORK, AT 1 RIVER ROAD, SCHENECTADY, STATES OF NEW YORK 12345, USA.

Inventors :

WALTER HERBERT FOSTER—U.S.A.,
LAWRENCE SPARKS—U.S.A.,
LOUIS PATUCK EARFOLINO—U.S.A. AND
FRED ANDREN DESAW—U.S.A.

Application for Patent No. 872/Cal/92 filed on 29-9-92.

Appropriate Officer for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

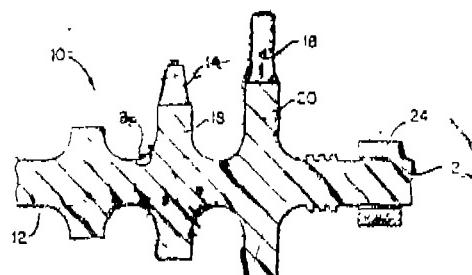
9 Claims

The process of welding a rotatable machine component to form a steam turbine rotor comprising the steps of :

- (a) rotating the component about a longitudinal axis of rotation thereof at a predetermined speed,
- (b) preheating an area of the component to be welded at 200°F—250°F,
- (c) depositing a plurality of weld beads, as herein described, in the said area,
- (d) post weld heat treating said area at a temperature, which vary with the metal used for the rotor, and

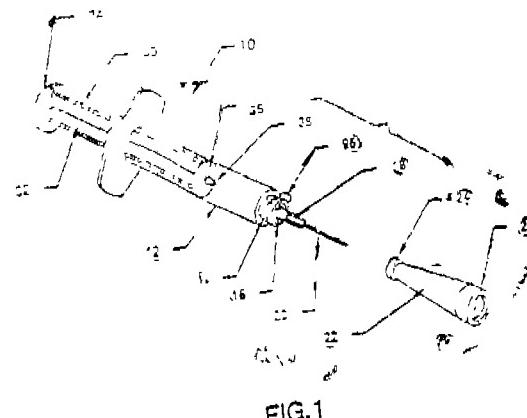
- (e) cooling said area to room temperature wherein steps (b) through (e) are carried out during continuous rotation of said component.

FIG. 2



(Compl. Specn. 14 Pages ;

Drgn. 4 Sheets)



(Compl. Specn. 27 Pages,

Drgn. Sheets 14)

Ind. Cl. : 128 F

185643

Int. Cl.¹ : A61M 3/00**RETRACTABLE SYRINGS.**

Applicant : RETRAX, INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF UNITED STATES OF AMERICA, OF 1010 WEST MAIN, TOMBALL, TEXAS 77375, UNITED STATES OF AMERICA.

Inventors :

WALTER WAYNE GLOYER, U.S.A.
FREDERICK GEORGE BRIGHT, U.S.A.
BRIAN ZEEB, U.S.A.

Application for Patent No. 0877/Del/92 filed on 29-09-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

25 Claims

A retractable syringe for use with a hypodermic needle cartridge (18, 218) comprising :

- a barrel (12, 212) having a proximal end and a distal end, said proximal end with a mounting collar (13, 214) having a bore (76) and an annular hub;
- a piston plunger (36, 236) telescopingly received within said distal end of said barrel (12, 212);
- a needle carrier (16, 216) having a body, said body having a proximal end and a distal end;
- means (48, 248) disposed on said body and engageable with correlative shaped means (84, 256) disposed on said mounting collar (13, 214) for releasably latching said body in the bore of said mounting collar (13, 214) the distal end of said body having further engagement means (50, 250) engageable with said piston plunger for retracting the body into the barrel (12, 212);
- needle cartridge attachment means (52, 54, 64) disposed on said proximal end of said body for releasably attaching the hypodermic needle cartridge (18, 218) thereto.

Ind. Cl. : 9 F, 9 D

185644

Int. Cl.¹ : C 22 C 38/14**A PROCESS FOR THE PREPARATION OF CORROSION AND OXIDATION RESISTANT LOW-ALLOY-STEEL.**

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

DWIJOTTAM MUKHERJEE, INDIA
CHOCKALINGAM MARIKANNU, INDIA
NARAYANAN PALANISWAMY, INDIA
GANGATHARA THILAKA PARTHIBAN, INDIA
SUBBAH MUZHUMATHI, INDIA &
KRISHNASWAMY BALAKRISHNAN, INDIA.

Application for Patent No. 879, Del/92 filed on 30th Sep. 92.

Complete left after Provisional Specification filed on 29-06-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

3 Claims

A process for the preparation of corrosion and oxidation resistant low alloy-steel which comprises :

- Preparing a master-alloy of iron and titanium by conventional methods; where in the amount of titanium in the alloy ranging from 20 to 30% by wt.
- Adding to the said master alloy commercially available low-alloy-steel scrap so as to have 5 to 8 % by wt of titanium in the final alloy;
- Cooling the resultant alloy to room temperature.

(Compl. Provl. Specn. 7 Pages;

Drgn. Sheet Nil)

(Compl. Specn. 10 Pages;

Drgn. Sheet Nil)

Ind. Cl. : 144 A

185645

Int. Cl.¹ : B05C 1/00**A PROCESS FOR THE PRODUCTION OF CERAMIC OXIDE COATED PANELS HAVING IMPROVED CORROSION RESISTANCE PROPERTIES.**

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

DWIJOTTAM MUKHERJEE, INDIA.
YELLAM RAJU VENKATA POORNA RAMA-
CHANDRA RAO, INDIA
VAITHYALINGAM ARUMUGAM, INDIA
SARANGAPANI KRISHNAMURTHY, INDIA
KRISHNASWAMY BALAKRISHNAN, INDIA &
DURAISAMY JEYAPERUMAL, INDIA.

Application for Patent No. 880/Del/92 filed on 30th Sep., 92.

Complete left after Provisional Specification filed on 18-10-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

3 Claims

A process for the production of ceramic oxide coated panels having improved corrosion resistance properties, which comprises plasma spraying of ceramic oxides by known methods on to a panel substrate to be protected, oxidizing the said coated substrate at a temperature in the range of 100—350°C for a period in the range of 2 to 3 hours, followed by immersing the oxidized coated substrates in acidified copper sulfate solution.

(Prov. Specn. 8 Pages;

Drgn. Sheet Nil)

(Compl. Specn. 14 Pages;

Drgn. Sheet Nil)

Ind. Cl. : 62C₁

185646

Int. Cl.¹ : D21C 9/10

A PROCESS FOR ELECTROCHEMICAL BLEACHING OF PULPS.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

RAJAPPA PALANISAMY, INDIA
VENKATESWARAN RENGARAJAN, INDIA
GANAPATHY SOZHAN, INDIA &
KAPITHALAM CHETLUR NARASIMHAM, INDIA.

Application for Patent No. 883/Del/92 filed on 30th Sep., 92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims

A process for electrochemical bleaching of pulps, which comprises electrolyzing electrolyte consisting of sodium chloride solution of concentration in the range of 20–60 g/l & a slurry of the pulp having concentration in the range of 2–5% in the ratio of 0.5 to 1.5 in an electrolytic cell having a titanium coated with noble metal oxides as anode and a mild steel as cathode, at an anode current density in the range 5 and 20 A dm⁻² and at a temperature in the range of 20–50°C to get bleached pulp.

(Compl. Specn. 9 Pages:

Drgn. Sheet Nil)

Ind. Cl. : 32 F, 40 B.

185647

Int. Cl.¹ : C 07 B 35/02, C 07 C 79/00.

PROCESS FOR THE PREPARATION OF HYDROGENATED NITRO DERIVATIVES.

Applicant : RHONE-POULENC CHIMIE, A FRENCH BODY CORPORATE, OF 25 QUAI PAUL DOUMER, 92408 COURBEVOIE, FRANCE.

Inventor(s) :

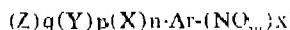
1. ROLAND JACQUOT—FRANCE &
2. CLAUDE MFRCIER—FRANCE.

Application for Patent No. 0889/Del/92 filed on 01-10-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

17 Claims

Process for the preparation of hydrogenated nitro derivatives of the formula :



wherein

- Ar denotes a mono- or polycyclic aromatic or homo- or heterocyclic nucleus, unsubstituted or substituted by alkyl of 1 to 4 carbon atoms, aralkyl, alkenyl or a functional group such as hydroxyl, trifluoromethyl, nitrile, acid, ester, ketone, unsaturated acid; ether, or heterocyclic ring;
- X, Y and Z each denote fluorine, chlorine or bromine;
- X = 1, 2 or 3;
- n, p and q each denote an integer from 0 to 5, the sum (n+p+q) being equal to or greater than 0;
- m is 1 or 2;

said process comprising subjecting the said nitro compound to hydrogenation under a partial pressure of hydrogen of between 2 to 200 bars in the presence of tungsten carbide and optionally in the presence of a solvent and/or a strong acid of the kind as herein described.

(Compl. Specn. 29 Pages

Drgn. Sheet Nil)

Ind. Cl. : 32 F (30).

185648

Int. Cl.¹ : C 07 C, 69/527:

PROCESS FOR THE PREPARATION OF HYDROXY-PHENYLCARBOXYLATES.

Applicant : CIBA SPECIALTY CHEMICALS HOLDING INC., (FORMERLY KNOWN AS CIBA SC HOLDING AG), A SWISS COMPANY, OF KLYBEEKSTRASSE 141, CH-4057, BASEL, SWITZERLAND.

Inventor(s) :

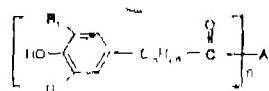
1. CHRISTOPH KLEINER—SWITZERLAND
2. SAMUEL EVANS—SWITZERLAND
3. RAI F SCHMITT—GERMANY

Application for Patent No. : 894/Del/92 filed on 07th Oct., 92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005

9 Claims

A process for the preparation of hydroxylphenylcarboxylate compound of the formula (I) :



wherein

R_1 and R_2 are each independently of the other C_1-C_8 alkyl,

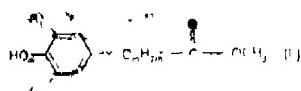
m is 0, 1, 2 or 3

n is 1 or 2, and

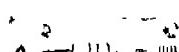
A , if $n=1$, is OR_3 , where

R_3 is C_4-C_{20} alkyl or C_5-C_{12} cycloalkyl, or A , if $n=2$, has the formula $-O-C_xH_{2x}-O-$ or $-O-(CH_2CH_2O)_aCH_2CH_2O-$.

X is a number from 2 to 8 and ' Λ ' is a number from 1 to 12, by reacting a compound of the formula (II)

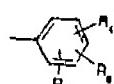


with a compound of the formula, (III)

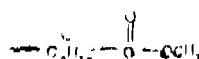


the reaction being carried in the presence of a catalyst of the formula $Al(OR)_3$, wherein R is unsubstituted or OH-substituted

C_1-C_8 alkyl, or is a radical of the formula



wherein R_1 and R_2 are each independently of the other hydrogen or C_1-C_8 alkyl, and R_3 is hydrogen or a group of the formula



with the proviso that R_3 , if different from hydrogen, is in 4-position to the oxygen atom.

(Compl. Specn. : 14 Pages;

Drgn. : Nil Sheet)

Ind. Cl. : 108 C-3.

185649

Int. Cl. : C 21 C 5. 00.

AN IMPROVED DEVICE FOR THE CONTINUOUS PRODUCTION OF DIRECT REDUCED IRON ROD OR SLAB AND AN IMPROVED PROCESS THEREFOR USING THE SAID DEVICE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFTI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860)

(Inventors) :

- 1 SHILOWBHADRA BANERJEE—INDIA
- 2 AAK KUMAR MALLIK—INDIA
- 3 KANCHAN KUMAR PAUL—INDIA
- 4 SUBODH KUMAR BISWAS—INDIA
- 5 MADHU SUDAN MONDAL—INDIA
- 6 UPKAR SINGH—INDIA

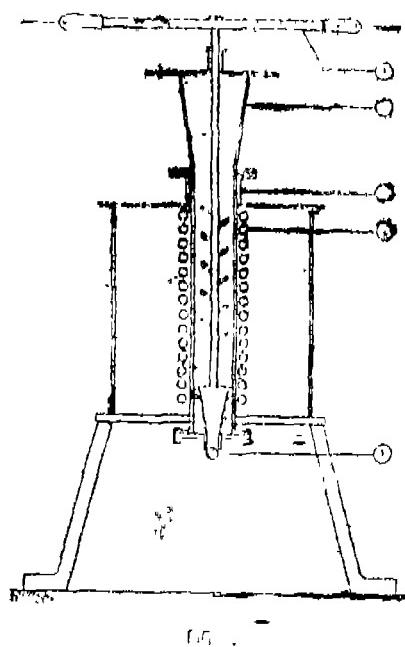
Application for Patent No. : 895/Del/92 filed on 08th Oct, 92.

Complete left after Provisional Specification filed on 06-01-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office Branch, New Delhi-110 005.

2 Claims

An improved device for the continuous production of direct reduced iron rod or slab which comprises a pre-heating unit which consists of a retort with hopper (1 & 4) placed inside a furnace (2), a stirrer (3) being placed inside the said retort, a discharge unit (5) having plug valve with channeliser being fitted at the bottom of the said retort, the said discharge unit being mounted over a support platform so as to feed a charging chute (13) of a retort (6) having a tapered profile in the range of 0.5 to 1.5 in 100 over the length after the formation zone, the said retort (6) being fitted vertically within a furnace (7), the said retort (6) being provided at its top end with a hollow screw (10) capable of moving vertically at variable speeds by known manner, the said hollow screw (10) incorporates a novel deep down pushing unit (11) and a perforated central pipe (12), the said pushing unit along with the support for the said retort being fitted over the said furnace (7) by a common base, at the bottom of the said retort being provided a mechanism (14) forming an exit upto 10mm thickness with gas shielding attachment (15) to prevent reoxidation of the rod/slab (17), the entire unit being mounted on a variable high adjustment frame (16).



(Provn. Specn. : 5 Pages;

(Compl. Specn. : 13 Pages;

Drgn. Nil Sheet)

Drgns. : 2 Sheets)

Ind. Cl. : 35 D.

185650

Int. Cl. : C 04 B — 7 04

A PROCESS FOR THE MANUFACTURE OF CEMENT FROM REDMUD.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventor(s) :

1. DIPENDRA NARAYAN DEY—INDIA
2. BANSIDHAR NAYAK—INDIA
3. HEMSHANKAR RAY—INDIA

Application for Patent No. : 922/Del/92 filed on 14-10-92

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

3 Claims

A process for the manufacture of cement from redmud, a waste from alumina plants which comprises mixing by homogenising additives like lime stone, lime sludge, phosphogypsum, bauxite fines and solid fines such as coal/coke with red mud so as to have minimum ratio of $\text{Al}_2\text{O}_3 : \text{Fe}_2\text{O}_3 = 0.2$ and of $\text{SiO}_2 : \text{Al}_2\text{O}_3 + \text{Fe}_2\text{O}_3 = 0.3$ breeze, to obtain a homogenised mixture, micropelletising the resultant mixture in the presence of water and sintering the said micro pellets by a known Down Draft Sintering process at a temperature in the range of 1000 to 1350°C, a suction pressure in the range of 300 to 600 MW WG, cooling and grinding the resulting aggregate then, mixing it with gypsum and grinding the mixture to the desired sizes.

(Compl. Specn. : 7 Pages,

Dign. : Nil Sheet)

Ind. Cl. : 87 A.

185651

Int. Cl. : A 61 H 1/00.

AN APPARATUS FOR CARRYING OUT THE EXERCISE IN ANTIGRAVITY POSTURE.

Applicant : RAMESH CHANDRA VARMA OF 852, SECTOR-8, PANCHKULA-134 109, HARYANA, INDIA.

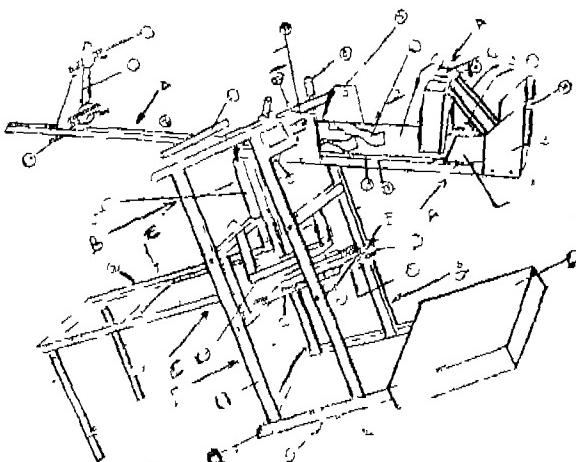
Inventor : RAMESH CHANDRA VARMA—INDIA.

Application for Patent No. : 1248/Del/92 filed on 24-12-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

An apparatus device for carrying the exercise in anti gravity posture comprising three parts, a flat laminated table top for body support, base frame having vertical supports and an adjustable frame for adjusting height provided with shock absorber and resting base, said flat table being connected to slotted channels provided with adjustable lever, said flat table top being connected to said adjustable frame for swing by 0—90° through connecting means



(Compl. Specn. : 14 Pages,

Dign. : 1 Sheet)

Ind. Cl. : 87 A, 146 D—2.

185652

Int. Cl. : A 61 H, 1/00, G 02 B, 27/01, 27/18

TABLE FOR READING FROM BELOW DURING PHYSICAL EXERCISE IN ANTIGRAVITY POSTURE.

Applicant : RAMESH CHANDER VARMA, NATIONALITY INDIAN M/S. NEWTON ACSYM INTERNATIONAL, 852, SECTOR-8, PANCHKULA-134109 HARYANA, INDIA.

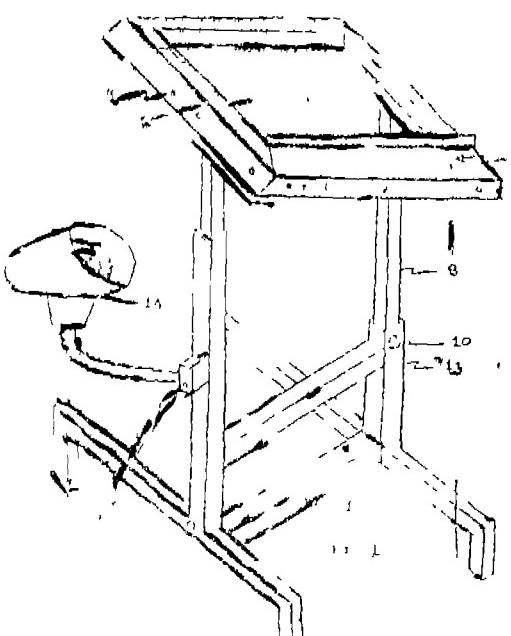
Inventor : RAMESH CHANDER VARMA—INDIA.

Application for Patent No. : 1253/Del/92 filed on 24-12-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

2 Claims

A table for reading from below the top, during physical exercises in anti-gravity posture comprises a frame having a glass in said frame inclind 30 to 60 to vertical tubes and secured by known means said tubes being telescopically fitted to another, said tubes provided with adjusting means, said tubes connected in turn to four legs stand



(Compl. Specn. : 6 Pages,

Drgns. : 2 Sheets)

Ind. Cl. : 132 A, B, C, 6s E.

185653

Int. Cl.⁴ : D06 F, 41/00.**AN IMPROVED PROCESS FOR TREATING THE FABRICS TO REMOVE EXTRANEous MATERIAL.**

Applicant : WHIRLPOOL CORPORATION 2000-M-63
BENTON HARBOR, MICHIGAN 49022 UNITED STATES
OF AMERICA.

Inventor(s) :

1. JOHN WAYNE EULER—U.S.A.
2. SHERYL LYNN FARRINGTON—U.S.A.
3. JEANNE C. VAN NEWENHIZEN—U.S.A.
4. MARK BRAOLEY KOVICH—U.S.A.
5. JIM J. PASTRYK—U.S.A.
6. ANTHONY HOMER HARDAWAY—U.S.A.

Application for Patent No. : 1268/Del/92 filed on 30-12-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

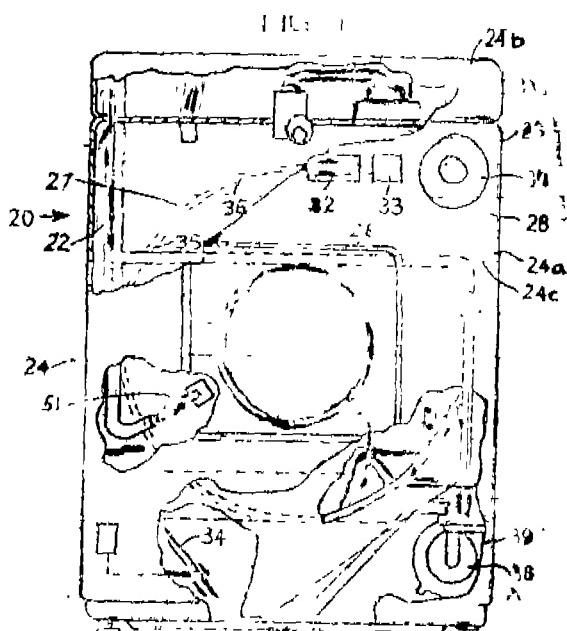
7 Claims

An improved process for treating the fabrics to remove the extraneous material from the fabrics in wash cycle having a highly concentrated detergent solution in a horizontal axis washer, comprising the steps;

loading fabric to be washed into the wash chamber of said washer; washing said fabric in a detergent solution of at least 0.5% detergent by weight while rotating said wash chamber about its horizontal axis for a first period of time;

draining said detergent solution from said wash chamber subsequent to said first period of time; characterized in that said fabric is rinsed by adding water to said wash chamber while spinning said wash chamber at a speed to effect more than one gravity centrifugal force on said fabric such that said fabric will not tumble within said wash chamber at its spins;

draining said wash chamber of said rinse water.



(Compl. Specn. : 24 Pages;

Drgns. 6 Sheets;

Ind. Cl. : 32F (2b).

185654

Int. Cl.⁴ : C 07 D 213/06.**AN IMPROVED PROCESS FOR THE PREPARATION OF 2-PICOLINE SELECTIVELY.**

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT, INDIA.

Inventor(s) :

1. ALLA VENKATA RAMA RAO—INDIA
2. SHIVANAND JANARDAN KULKARNI—INDIA
3. MACHIRAJU SUBRAHMANYAM—INDIA
4. RVUR RAMACHANDRA RAO—INDIA

Application for Patent No. : 124/Del/93 filed on 15-02-93.

Complete left after Provisional filed on 08-09-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

An improved process for the preparation of 2-picoline selectively which comprises passing a feed consisting of acetone formaldehyde methanol and ammonia in the ratio of 1 : 0.25 : 0.9 : 1.3 to 1 : 1.1 : 0.9 : 1.3 over a modified pentasil ZSM-5 catalyst such as herein described at a temperature in the range of 300 to 450°C and weight hourly space velocity in the range of 0.25 to 1.0 per hr.

(Compl. Provn. Specn. : 5 Pages;

Drgn. : Nil Sheet)

(Compl. Specn. : 10 Pages;

Drgn. : Nil Sheet)

Ind. Cl. : 172 Ds.

185655

Int. Cl.⁴ : D 07 B 3/00.**A ROPE MAKING MACHINE.**

Applicant : NATIONAL RESEARCH DEVELOPMENT CORPORATION, (A GOVT. OF INDIA ENTERPRISES), ANUSANDHAN CENTRE 20-22 ZAMROODPUR COMMUNITY CENTRE, KAILASH COLONY EXTENSION, NEW DELHI-110 048, INDIA.

Inventor : MOHAMMAD SHAKIR QIDWAI—INDIA.

Application for Patent No. 175/Del/93 filed on 26th Feb., 1993.

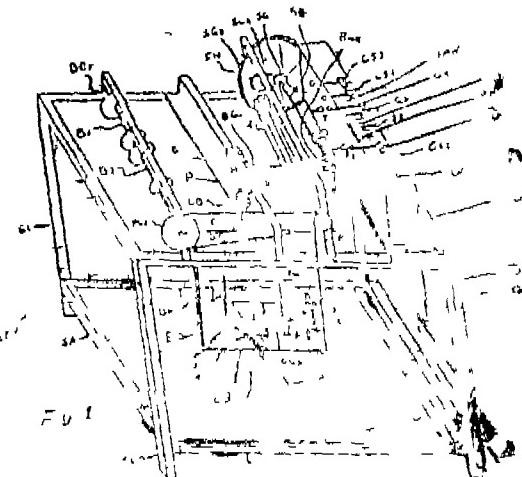
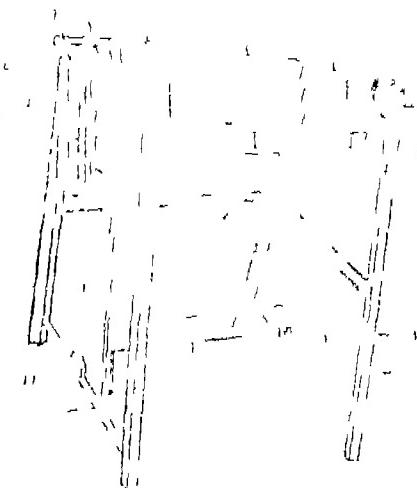
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

5 Claims

A rope making machine comprising :

- (a) a main frame for supporting;
- (b) a flyer adapted to be driven by the main driving means and having a bobbin mounted on a spindle provided therewith being mounted on the top of said frame;
- (c) driving means having friction plate mounted at one end of a spindle for bobbin and adapted to be connected with the friction plate mounted on a driven shaft for imparting drive to said bobbin;

- (d) fibre feed tube being provided on one the side of said frame for feeding of fibres onto said bobbin



(Compl. Specn. 12 Pages ;

Drawings 2 Sheets)

(Compl. Specn. 9 Pages;

Dign. 1 Sheet)

Ind. Cl. 172—D₄
Int. Cl. D 07 B 3/00

185656

"A ROPE MAKING MACHINE"

Applicant NATIONAL RESEARCH DEVELOPMENT CORPORATION, (A GOVT OF INDIA ENTERPRISES), ANUSANDHAN CENTRE, 20-22, ZAMROODPUR COMMUNITY CENTRE, KAILASH COLONY EXTENSION, NEW DELHI 110048, INDIA

Inventor MOHAMMAD SHAKIR QIDWAI—INDIA

Application for Patent No 176/Del/93 filed on 26th Feb 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi 110 005.

6 Claims

A rope making machine comprising .

- (i) a frame to support,
- (ii) at least one flyer
- (iii) at least one bobbin supported on said flyer such that to receive a rotatable movement upon rotation of said flyer in the direction of rotation perpendicular to that of the flyer,
- (iv) a first drive means being supported on said frame such that to be coupled with the main drive means through a coupler to impart a drive to said flyer,
- (v) twister(s) being provided with said frame for twisting the fibres,
- (vi) a grooved roller coupled to said drive means for receiving the twisted fibres from said twisters

Ind. Cl. 39 E, 39 K, 39 L.

185657

Int. Cl. C 01G 45/00

A PROCESS FOR THE PRODUCTION OF CHEMICAL MANGANESE DIOXIDE HAVING A POTASSIUM CONTENT BELOW 0.1% AND ACTIVATED MANGANESE DIOXIDE AS A BY PRODUCT FROM NATURALLY OCCURRING MANGANESE ORES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001 INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :

PRASANTA LAL SEN GUPTA—INDIA
SUNIL CHANDRA AUSH—INDIA
PANCH KARI SINHA—INDIA
NAYAR DHANANJAYAN—INDIA.

Application for Patent No 372/Del/93 filed on 13-4-93

Divisional out of Patent Application No 224/Del/90 filed on 8-3-90.

Ante dated to 8-3-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi 110 005.

4 Claims

A process for the production of chemical manganese dioxide having potassium content below 0.1% and activated manganese dioxide as a by product from naturally occurring manganese ores which comprises :

(a) crushing and grinding the naturally occurring manganese ores calcining the ground ore by heating at a temperature of 700°C—950°C.

(b) leaching the calcined manganese ore at a temperature in the range 70—100°C using sulphuric acid for a period of 1—3 hours,

(c) filtering and if desired washing the residue with water and drying the residue at 110°C to obtain activated manganese dioxide,

(d) heating the filtrate, obtained in step (C) at 70—100°C for 1 to 3 hours at a pH of 2.5-3.0, with the addition of ferric sulphate solution for formation of Jarosite (iron potassium complex),

(e) filtering the solution to separate the precipitated Jarosite (iron potassium complex),

(f) purifying the potassium free manganese sulphate solution by conventional methods,

(g) precipitating manganese carbonate by adding alkali carbonate to the purified manganese sulphate solution resulting from step (f) above, washing the precipitate with water and calcining by conventional method with supply of air/oxygen to produce chemical manganese dioxide.

(Compl. Specn. 16 Pages;

Drwg. Sheet Nil)

Ind. Cl. : 32F 2(b) & 39/(0) 185658

Int.Cl.⁴ : B01J, 29/06, C07D 213/06

A PROCESS FOR THE PREPARATION OF MODIFIED PENTASIL ZEOLITE CATALYST USEFUL FOR THE PREPARATION OF 2-PICOLINE FROM ACETONE SELECTIVELY.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :

ALLA VENKATA RAMA RAO—INDIA,
SHIVANAND JANARDAN KULKANI—INDIA
MACHIRAJU SUBRAHMANYAM—INDIA,
REVUR RAMACHANDRA RAO—INDIA.

Application for Patent No. 0990/Del/93 filed on 8-9-93.

Divisional out of Parent Application No. 124/Del/93 filed on 15-2-93.

Ante dated No. 15-2-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005

3 Claims

A process for the preparation of modified pentasil zeolite catalyst useful for the preparation of 2-picoline from acetone selectively, which comprises impregnating by known methods the pentasil zeolite with a compound selected from oxides of lead and tungsten in water, stirring the solution vigorously, drying the resultant slurry at a temperature in the range of 80 to 120°C and heating the resultant modified catalyst at a temperature in the range of 300 to 500°C for a period of 4 to 15 hrs.

(Compl. Specn. 7 Pages;

Drwg. Sheet Nil)

Ind. Cl. : 32F_a(C) 185659

Int. Cl.⁴ : C12P 7/08

PROCESS FOR THE PRODUCTION OF CELLULOSE, SILICA, LIGNIN AND HEMICELLULOSES FROM RICE STRAW.

Applicant: INSTITUT ARMAND-FRAPPIER, A CANADIAN COMPANY, OF 531 BOUL. DE PRAIRIES, LAVAL QUEBEC, CANADA H7N 4Z3 AND PUNJAB AGRO INDUSTRIES CORPORATION LTD. OF 2A, SECTOR 28 A, MADHYA MARG, CHANDIGARH 160002, PUNJAB.

Inventor: DEVENDER SINGH CHAHAL—CANADA.

Application for Patent No. 1563/Del/94 filed on 1-12-94
Patent of Addition No. 165819 (647/Mas/87).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

9 Claims

A process for the production of cellulose, lignin, silica and hemicelluloses from rice straw, said process comprising the following step:

- soaking 100g of chopped rice straw of length of 2 to 4 cm or ground rice straw in form of small granules in 1 to 2 L of water containing 5 to 20 g of sodium hydroxide for at least 4 to 5 hours, under occasional stirring;
- heating said soaked chopped or ground rice straw at a temperature of 80 to 190°C for 1 to 2 hours, whereby silica, lignin and hemicelluloses, which are soluble components of the rice straw, solubilize in said solution;
- submitting said heated soaked chopped or ground rice straw solution to a first fractionation, whereby a first insoluble fraction substantially consisting of cellulose and a first soluble fraction substantially consisting of solubilized silica, lignin and hemicelluloses are obtained;
- submitting said first soluble fraction to a second fractionation by lowering the pH of the solution between 7 and 6 whereby a second insoluble fraction substantially consisting of sodium silicate and a second soluble fraction substantially consisting of solubilized lignin and hemicelluloses are obtained; and
- submitting said second soluble fraction to a third fractionation by lowering the pH of the solution to 3-3.5 whereby a third insoluble fraction substantially consisting of lignin and a third soluble fraction substantially consisting of solubilized hemicelluloses are obtained resulting in residues of celluloses, silica, lignin and hemicelluloses.

(Compl. Specn. 32 Pages,

Drwngs : 3 Sheets)

Ind. Cl. : 32F_a(d) 185660

Int. Cl. : C07D 279/04

A PROCESS FOR THE PREPARATION OF 2-(2-DIALKYLYL) OR HETEROCYCLIC AMINE METHYL PROP-2'-ENE-1'ONE)-10-(2"- SUBSTITUTED ACETYL) PHENOTHIAZINES.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT, (ACT XXI OF 1860).

Inventors :

ANIL KUMAR DWIVEDI,
NANDOO MAL KHANNA,
RAGHWENDRA PAL,
SATYAWAN SINGH,
BACHU SREENIVASULU SETTY AND
VED PRAKASH KAMBOJ (INDIA).

Application for Patent No. 1615/Del/94 filed on 14-12-94.

Complete left after Provisional specification filed on 5-7-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

11 Claims

A process for the preparation of 2-dialkyl or heterocyclic amine methyl prop-2'-ene-1'one)-10-2"- substituted acetyl phenothiazines which comprises reacting 2-acetyl phenothiazine with chloroacetyl chloride in the medium of benzene at a temperature in the range of 0°C to 10°C to give 2-acetyl-10-(2"-chloroacetyl) phenothiazine dissolved in benzene or alcohol with equimolar amount of heterocyclic amine or an

alkali metal salt of hydroxyacetophenone or secondary aliphatic amine or an alkali metal salt of dialkylthiocarbamic acid at a temperature ranging from 10 to 50°C for one to four hrs, refluxing the resultant 2-acetyl-10-(2-dialkyl or heterocyclic amine or 4"-acetyl phenoxy or dialkyl aminodithiocarbamyl) acetyl phenothiazine with paraformaldehyde and a dialkyl or heterocyclic amine or their salts in presence of an aliphatic acid for three to six hours, removing the acid by known methods neutralizing the residual mass by known methods then extracting with organic solvent, followed by recovering and purifying by known method.

(Provisional Specn. 5 Pages ;
(Compl. Specn. 12 Pages :

Drng. Sheet Nil)
Drng. Sheet Nil)

CLAIM U/S. 20(1)

In pursuance of leave granted under section 20(1) of the Patent Act, 1970 the Application No. 179682 (817/Mas/90) of M/s. Rank Nemo (HTR) Limited, U.K. has been allowed to proceed in the name of M/s. Taylor Hobson Limited, a U.K. Company of 2 New Star Road, Leicester LE4 9JQ, England.

THE DESIGN ACT 1911 SECTION 63 DESIGN ASSIGNMENT

The following Design stand in the name of Yves Saint Laurent International B.V. has been assigned in the Register of Design in the name of Yves Saint Laurent Parfumes. Design Nos., Class and Name

165647 & 165648, 04, Yves Saint Laurent Parfumes, a French company of 28-34, boulevard du parc 92200 Neuilly-sur-Seine, France.

CESSATION OF PATENTS

172180 181151 182888

The following application for patents have been declared "No Patent" owing to non-filing of Form-9 (Request for sealing) within the prescribed period.

S.I. Nos. and Application for Patent Nos.

1. 179771
2. 179725
3. 179722
4. 179721
5. 179720
6. 179754
7. 179872
8. 179780
9. 179794
10. 179803
11. 179808
12. 179806
13. 179811
14. 179835
15. 179841

PATENT SEALED ON 23-08-2001

179682 184277* 184334 184335 184337 184338 184339
184340 184341 184342 184344 184345 184352 184354 184355
184358 184363 184365 184368 184369 184371 184372*D
184374 184375*D 184378 184379* 184380*

CAL—08, DEL—04, MUM—NIL, CHEN—15.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents

F—Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries in the date of the registration included in the entries.

Class 1. No. 183207. Technigroup Far East Pvt. Ltd. of 30 Tuas South Street, 3, Singapore 638028. "Panel Slide for in Office Furniture System". 12th March 2000. Priority (U.K.).

Class 1. No. 183142. Crompton Greaves Limited, an Indian Company of 1 Dr. V. B. Gandhi Marg, Mumbai-400023, Maharashtra, India. "Storage Water Heater". 17th August 2000.

Class 1. No. 183604. Adviser, Defence Research and Development Organisation B-148, Sena Bhawan, New Delhi-110011. "Single Stage to Orbit Aerospace Vehicle". 4th October 2000.

Class 3. No. 183144. Sanford Reynolds SAS, of Chemin Des Huguenots, 26000, Valence France. "Pen". 7th August 2000.

Class 3. No. 183210. J L Morison (India) Ltd. of Rasoi Court, 20, Sir R. N. Mukherjee Road, Calcutta-700001, W.B. India. "Container". 14th August 2000.

Class 3. No. 183209. Gerber Products Company of 445, State Street Fremont, MI 49413-0001, USA. "Container Top". 14th August 2000.

Class 3. No. 183206. Acqua Minerals Limited, an Indian Company of Western Express Highway, Andheri (E), Mumbai-400090. Maharashtra, India. "JAR". 14th August 2000.

Class 3. No. 183263. Gandhimathi Appliances Limited, an Indian Company of 143, Puddupakkam Village, Vandulur Kelambakkam Road, Kelambakkam Post 603103, Kanchipuram District, Tamil Nadu. "Big Jar of the Mixer/Grinder". 22nd August 2000.

Class 3. No. 183289. Normak Fashions (P) Ltd. an Indian Hyderabad-500039, (A.P.), "Jewellery Box". 25th Company. of 9-12. Hanuman Nagar, Boduppal, August 2000.

Class 3. No. 183662. Telemecanique & Controls (India) Ltd. of 222 Okhla Industrial Estate, New Delhi-110020. "Electromagnetic Contactor". 11th October 2000.

Class 3. No. 183704. M/s. Kishore Industries, Ashirwad Industrial Estate Ram Mandir Road, Bldg. No. 03 1st Floor, Goregaon (W), Mumbai-400014, Maharashtra, India. "Jug". 17th October 2000.

Class 4. No. 183203. Herbertsons Limited, Fwart House, 27, Homi Mody Street, Mumbai-400023, Maharashtra, India, an Indian Company. "Bottle" 11th August 2000.

H. D. THAKUR
Controller General of Patents Designs & Trade Marks

प्रधानमंत्री, भारत सरकार मन्त्रालय, कर्मचारीवाद विभाग परिषद
पार्टी प्रकाशन नियंत्रक, नई दिल्ली 2001

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 2001